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COMPLETE SPECIFICATION.

[Communicated from abroad by JAMES DERRY, of 48, Rue Condorcet, Paris,
Patent Agent.]

A New Plastic Compound for Modeling Forms for Moulding and Casting.

I, HENRY CHARLES BRAUN of 28 Clepstone Street London W. in the County of Middlesex Engineer do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement :—

- 5 This Invention relates to Plastic Compounds for Modeling forms for moulding and casting and is specially applicable to the moulding of artificial dentures in forming the base plate upon which to erect mineral teeth preliminary to the making of the mould in which the permanent vulcanized plates of such artificial dentures are formed ; the nature of this invention consists in the compound claimed.
- 10 The method of making this compound is as follows :—
One part of stearine by weight is fused at a gentle heat. Next two parts of finely pulverized talc are intimately mixed therewith by stirring after which four parts of Gum shellac are stirred therein so that all of the ingredients are intimately mixed and uniformly incorporated with each other after which the mass is rolled into sheets or
- 15 pressed into forms for use.
The product has great tenacity and hardness but with a temperature above that at which bees wax is plastic it can be bent and readily moulded into form and will retain such form at temperatures required for the attaching of the mineral teeth with the soft wax so that the plate model preserves its form whilst the modeling of the forms
- [Price 4d.]

Braun's New Plastic Compound for Modeling Forms for Moulding and Casting.

for the gums and the attaching of the teeth proceeds. Instead of Stearine, Paraffin or Spermaceti or animal fats may be substituted although the latter is less desirable and the proportions of ingredients may be varied so as to modify the degree of stiffness and fusibility of the compound, adapting it thereby to use with other cements than wax. 5

Having now particularly described and ascertained the nature of my said Invention, and in what manner the same is to be performed, I declare that what I claim is :

The new plastic compound consisting of Stearine with talc and gum shellac, substantially as set forth and described. 10

Dated this Eighth day of May 1888.

HENRY CHARLES BRAUN.

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